

# Summary of Impacts

No-Build

Relocate Pine Grove  
Ave. to 10th St.

Relocated Plaza with  
No Local Access

No-Build

PA-2

PA-3

## Potential Impacts:

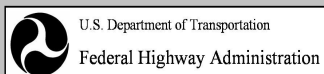
Social	Public Recreational Land Impacts	None	None	None
	Neighborhoods / Subdivision Impacts	0	3	3
	Community Facilities (Churches, Schools etc.) (#)	0	1 Church Relocated	Requires property from school district
Relocations	Estimated Residential Relocations (#)	0	151	47*
	Estimated Commercial Relocations (#)	0	36	19
	Marina	No	Yes	Yes
	Existing Substation	No	Yes	No
River/Stream/Drain Crossings (#)		3	3	3
Number of Lanes over the Black River		6	9	10
Ecological Resources	Total Wetland Impacts (acres)	0	0.5	4
	Emergent Wetlands (acres)	0	0.5	1.9
	Scrub-Shrub Wetlands (acres)	0	0	0.7
	Forested Wetlands (acres)	0	0	1.4
	Open Water (acres)	0	0	0.01
	Threatened and Endangered Species Impacts	0	0	0
Cultural Resources	Historic Buildings/Site Impacts (#)	0	1	0
	Archaeological Site Impacts	0	Unknown	Unknown
Visual	20 foot high security walls (Miles)	0	0	3.6
	8 to 10 foot high perimeter fencing (Miles)	0	1.0	1.5
Potential Contaminated Site Impacts (# of Sites Impacted)		0	14	5
Traffic Movement	Grade Separations (#)	8	8	16
	New or Modified Signalized Intersections (#)	0	2 (9)**	1 (6)**
	Potential New Roundabouts (#)	0	7 (0)**	5 (0)**
	Local Road Closures, Rerouting, or Cul de Sacs (#)	0	13	1
Right-of-Way	Plaza Right-of-Way including existing plaza re-use and plaza ramps (acres)	22.5	95	153
	Roadway Right-of-Way including existing roadway re-use (acres)	0	62	124
	Agricultural Land and Open Space Impacts included in above totals (acres)	0	0	86
Cost	Construction Cost (\$2004 Millions)	\$18	\$182	\$235
	Right-of-Way Cost (\$2004 Millions)	\$0	\$134	\$111
	Total Construction and Right-of-Way Cost (\$2004 Millions)	\$18	\$316	\$346

\* Relocation counts for PA-3 do not include 160 housing units that may be constructed on vacant land in Port Huron Township

\*\* Depending on whether or not various locations feature intersections or roundabouts



## Blue Water Bridge Plaza Study



Based on the best information available as of 2-9-05.